

CLAIMS

I claim:

- 5 1. A tugger cart from transporting a load, comprising:
 a support frame;
 a bed having a center and being rotatably mounted to the support frame, the bed
rotatable about a bed axis perpendicular to the bed and extending through the center of
the bed; and
10 a wheel assembly operatively connected to the support frame for supporting the
support frame above a supporting surface.
2. The tugger cart of claim 1 further comprising a handle assembly slidably
connected to the support frame, the handle assembly movable between a first retracted
15 position and a second extended position.
3. The tugger cart of claim 2 wherein the handle assembly includes:
 a generally horizontal leg having a first end slidably connected to the support
frame and an opposite, second end;
20 a lower arm projecting from the leg; and
 an upper arm pivotably connected to the lower arm, the upper arm pivotable
between an extended position wherein the upper arm is generally co-planer with the
lower arm and a retracted position.
- 25 4. The tugger cart of claim 3 further comprising a locking structure operatively
connected to the support frame for locking the leg of the handle assembly in a user
desired position.
5. The tugger cart of claim 3 wherein the handle assembly further includes a load
30 support member extending from the lower arm.

6. The tugger cart of claim 5 wherein the handle assembly further includes a bracing element extending between the leg and the load support member.

5 7. The tugger cart of claim 5 wherein the load support member includes a load supporting arm extending upwardly from the lower arm of the handle assembly and a retaining plate extending vertically from a terminal end of the load support arm.

8. The tugger cart of claim 1 further comprising a bed locking structure for
10 locking the bed at a selected position on the support frame.

9. The tugger cart of claim 8 wherein the bed locking structure includes:
a retractable pin operatively connected to the support frame and being movable
between along a vertical pin axis between an extended position and a retracted position,
15 the pin axis being a predetermined radial distance from the bed axis; and
a locking plate connected to the bed and having an aperture therethrough for
receiving the retractable pin.

10. A tugger cart from transporting a load, comprising:
a support frame having an end;
a bed received on the support frame;
a wheel assembly operatively connected to the support frame for supporting the
5 support frame above a supporting surface; and
a handle assembly slidably connected to the support frame adjacent the end
thereof, the handle assembly movable toward and away from the end of the support frame
to a plurality of user selectable positions.

10 11. The tugger cart of claim 10 wherein the handle assembly includes:
a generally horizontal leg having a first end slidably connected to the support
frame and an opposite, second end;
a lower arm projecting from the leg; and
an upper arm pivotably connected to the lower arm, the upper arm being pivotable
15 between an extended position wherein the upper arm is generally co-planer with the
lower arm and a retracted position.

12. The tugger cart of claim 11 further comprising a locking structure operatively
connected to the support frame for locking the leg of the handle assembly in one of the
20 user selectable positions.

13. The tugger cart of claim 11 wherein the handle assembly further includes a
load support member extending from the lower arm.

25 14. The tugger cart of claim 13 wherein the handle assembly further includes a
bracing element extending between the leg and the load support member.

15. The tugger cart of claim 13 wherein the load support member includes a load
supporting arm extending upwardly from the lower arm of the handle assembly and a
30 retaining plate extending vertically from a terminal end of the load support arm.

16. The tugger cart of claim 10 wherein the bed:
has a center;
lies in a generally horizontal plane; and
is rotatable on the support frame about a vertical bed axis extending through the
5 center of the bed.

17. The tugger cart of claim 16 further comprising a bed locking structure for
locking the bed at a selected position on the support frame.

10 18. The tugger cart of claim 17 wherein the bed locking structure includes:
a retractable pin operatively connected to the support frame and being movable
between along a vertical pin axis between an extended position and a retracted position,
the pin axis being a predetermined radial distance from the bed axis; and
a locking plate connected to the bed and having an aperture therethrough, the
15 aperture have a center being the predetermined distance from the bed axis.

19. The tugger cart of claim 18 wherein the locking plate includes:
a horizontal base having first and second opposite sides; and
a pair of ramp plates diverging from opposite sides of the base and
20 interconnecting the base to a lower surface of the bed.

20. A tugger cart from transporting a load, comprising:

a support frame having an end;

a bed having a center and being rotatably mounted to the support frame, the bed rotatable about a bed axis perpendicular to the bed and extending through the center of the bed;

a retractable pin operatively connected to the support frame and being movable between along a vertical pin axis between an extended position and a retracted position, the pin axis being a predetermined radial distance from the bed axis; and

a locking plate connected to the bed and having an aperture therethrough for receiving the pin in the extended position so as to maintain the bed in a predetermined position on the support frame, the aperture have a center being the predetermined distance from the bed axis.

21. The tugger cart of claim 20 further comprising a handle assembly slidably connected to the support frame adjacent the end thereof, the handle assembly movable toward and away from the end of the support frame to a plurality of user selectable positions.

22. The tugger cart of claim 21 wherein the handle assembly includes:

a generally horizontal leg having a first end slidably connected to the support frame and an opposite, second end;

a lower arm projecting from the leg; and

an upper arm pivotably connected to the lower arm, the upper arm pivotable between an extended position wherein the upper arm is generally co-planer with the lower arm and a retracted position.

23. The tugger cart of claim 22 further comprising a locking structure operatively connected to the support frame for locking the leg of the handle assembly in one of the user selectable positions.

24. The tugger cart of claim 22 wherein the handle assembly further includes a

load support member extending from the lower arm.

25. The tugger cart of claim 24 wherein the handle assembly further includes a bracing element extending between the leg and the load support member.

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26. The tugger cart of claim 24 wherein the load support member includes a load supporting arm extending upwardly from the lower arm of the handle assembly and a retaining plate extending vertically from a terminal end of the load support arm.

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27. The tugger cart of claim 20 wherein the locking plate includes:
a horizontal base having first and second opposite sides; and
a pair of ramp plates diverging from opposite sides of the base and
interconnecting the base to a lower surface of the bed.

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